EOG Resources, Inc.
P.O. Box 250
Big Piney, WY 83113

May 16, 2002

Utah Division of Oil, Gas, & Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, UT 84114-5801

RE: APPLICATION FOR PERMIT TO DRILL
CHAPITA WELLS UNIT 819-15
SW/NW, SEC. 15, T9S, R22E
UINTAH COUNTY, UTAH
LEASE NO.: U-0283-A
FEDERAL LANDS

Enclosed please find a copy of the Application for Permit to Drill and associated attachments for the referenced well.

Please address further communication regarding this matter (including approval) to:
Ed Trotter
P.O. Box 1910
Vernal, UT 84078
Phone: (435)789-4120
Fax: (435)789-1420

Sincerely,

Ed Trotter
Agent
EOG Resources, Inc.

Attachments

UDOGM-BLM-EOG

Form 3160-3
(July 1992)

FORM APPROVED
OMB NO. 1004-0136

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

001

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK
DRILL ☒ DEEPEN ☐

b. TYPE OF WELL
Oil Well ☐ Gas Well ☒ Other Single Zone ☐ Multiple Zone ☐

2. Name of Operator
EOG RESOURCES, INC.

3. Address and Telephone Number
P.O. BOX 1815, VERNAL, UT 84078 (435)789-0790

4. Location of Well (Report location clearly and in accordance with any State requirements.)
At surface
2038' FNL & 724' FWL SW/NW 4432902Y 40.03764 633742X -109.43241
At proposed prod. Zone

14. Distance in miles and direction from nearest town or post office
15.6 MILES SOUTHEAST OF OURAY, UTAH

15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. Unit line, if any) 724'

16. No. of acres in lease 1360

17. No. of acres assigned to this well

18. Distance from proposed location to nearest well, drilling, completed, or applied for, on this lease, ft.

19. Proposed depth 10,390'

20. Rotary or cable tools ROTARY

21. Elevations (show whether DF, RT, GR, etc.)
4793.7 FEET GRADED GROUND

22. Approx. date work will start
UPON APPROVAL

5. Lease designation and serial number
U-0283-A

6. If Indian, Allottee or Tribe name

7. Unit Agreement Name
CHAPITA WELLS UNIT

8. Farm or lease name, well no.

9. API Well No.
CWU 819-15

10. Field and pool, or wildcat
MANCOS / Natural Buttes

11. Sec., T., R., M., or BLK. and survey or area
SEC. 15, T9S, R22E

12. County or parish
UINTAH

13. State
UTAH

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	48#	120' +/-	Cement with 50 sx Class "G" plus 2%
12 ¼"	9 5/8"	36.0#	2800' +/-	CaCl2. (Casing will be preset.) Cement
7 7/8"	4 ½"	11.6#	10,390' +/-	interval from 2800' to 1800' with Class "G" plus 2% CaCl2 & ¼#/sx Celloflake. Cement interval from 1800' to surface With light weight cement plus specified additives. 1" top 25' with Class "G" cement plus 3% CaCl2. Cement interval from TD to 500'+/- above uppermost pay interval with 50/50 Pozmix w/2% gel & 10% salt. Volume to be calculated from Caliper log annular volume plus 5% excess. Circulate casing before cementing. Reciprocate casing during Cementing.

SEE ATTACHMENTS FOR:

8 POINT PLAN
BOP SCHEMATIC
SURFACE USE AND OPERATING PLAN
LOCATION PLAT
LOCATION LAYOUT
TOPOGRAPHIC MAPS "A", "B", AND "C"
GAS SALES PIPELINE—MAP "D"

CONFIDENTIAL

EOG RESOURCES INC. WILL BE THE DESIGNATED OPERATOR OF THE SUBJECT WELL UNDER BOND #NM-2308

Pc: UTAH DIVISION OF OIL, GAS, AND MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.
24.

SIGNED [signature] TITLE Agent DATE 5-16-2002

(This space for Federal or State office use)

Federal Approval of this Action is Necessary

PERMIT NO. 43-047-34581 APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY [signature] TITLE BRADLEY G. HILL RECLAMATION SPECIALIST III DATE MAY 24 2002

06-05-02

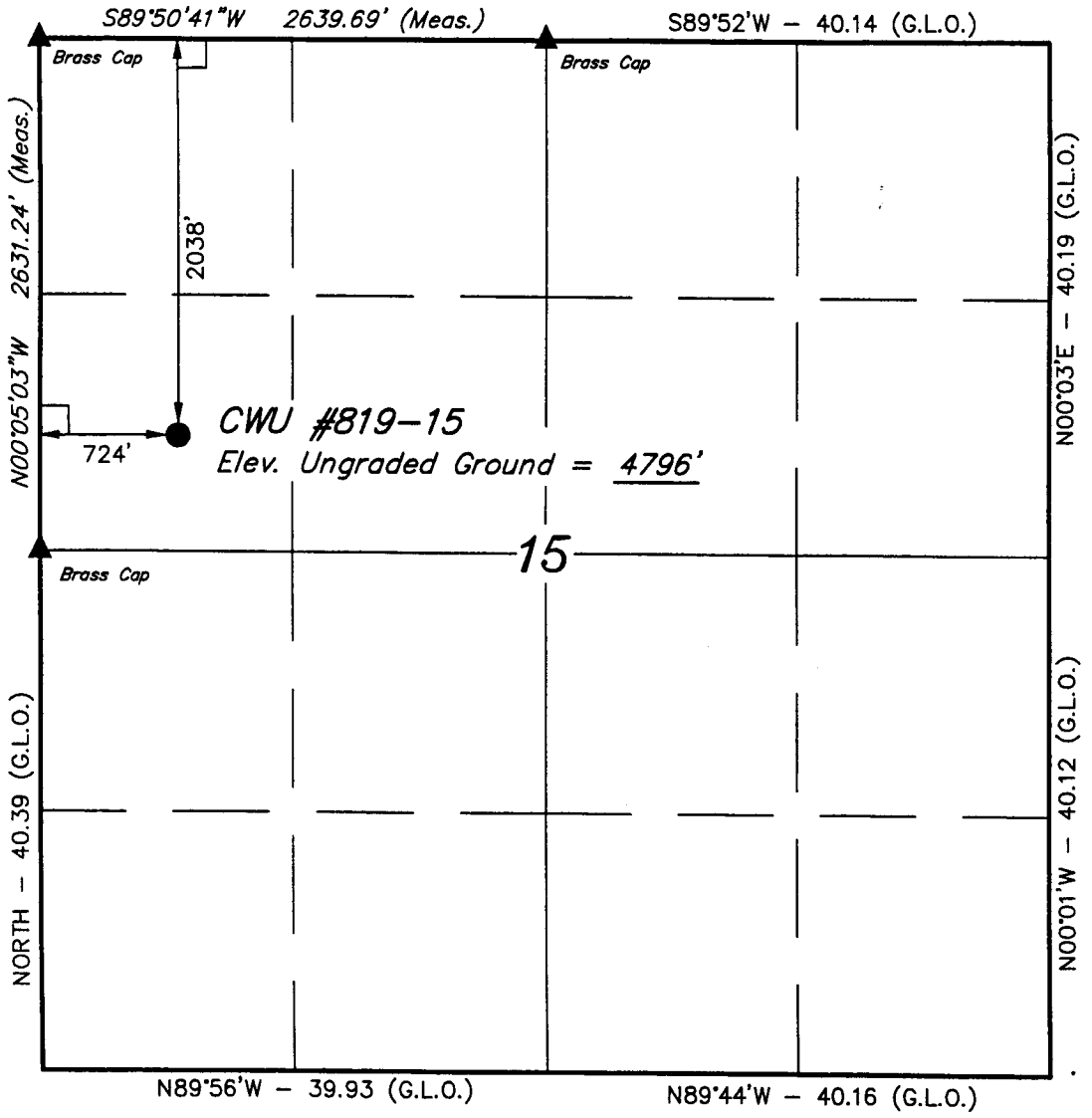
RECEIVED

DIVISION OF OIL, GAS AND MINING

EOG RESOURCES, INC.

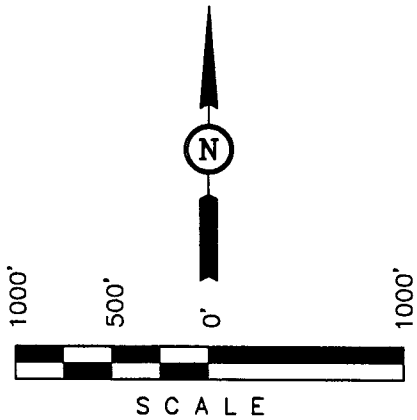
Well location, CWU #819-15, located as shown in the SW 1/4 NW 1/4 of Section 15, T9S, R22E, S.L.B.&M. Uintah County, Utah.

T9S, R22E, S.L.B.&M.



BASIS OF ELEVATION

BENCH MARK 20EAM LOCATED IN THE SE 1/4 OF SECTION 35, T9S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4697 FEET.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

LEGEND:

- └ = 90° SYMBOL
- ● = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.
(NAD 83)
LATITUDE = 40°02'15.62" (40.037672)
LONGITUDE = 109°25'58.54" (109.432928)

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE: 1" = 1000'	DATE SURVEYED: 04-09-02	DATE DRAWN: 04-16-02
PARTY: B.B. K.S. D.R.B.	REFERENCES: G.L.O. PLAT	
WEATHER: COOL	FILE: EOG RESOURCES, INC.	

EIGHT POINT PLAN

CHAPITA WELLS UNIT 819-15
SW/NW, SEC. 15, T9S, R22E, S.L.B.&M.
UINTAH COUNTY, UTAH

1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	DEPTH (KB)
Green River FM	1759
Wasatch (UB)	4859
Island	7243
Cret. KMV Price River	7708
Cret. KMV Lower Price River	8944
Sego	9457
Buck Tongue	9535
Cret. KMV Castlegate	9635
Cret. KMV Black Hawk	10,088

EST. TD: 10,390 Anticipated BHP 4500 PSI

3. PRESSURE CONTROL EQUIPMENT: BOP Schematic Diagram attached.

4. CASING PROGRAM:

							MINIMUM SAFETY FACTOR		
HOLE SIZE	INTERVAL	LENGTH	SIZE	WEIGHT	GRADE	THREAD	COLLAPSE	BURST	TENSILE
17 1/2"	0' -120'+/- GL	120'+/-	13 3/8"	48.0 #	H-40	ST&C	770 PSI	1730 PSI	322,000#
12 ¼"	0' - 2800'+/- KB	2800' +/-	9 5/8"	36.0 #	J-55	ST&C	2020 PSI	3520 PSI	394,000#
7 7/8"	0'–10,390'+/- KB	10,390'+/-	4 ½"	11.6 #	N-80	LT&C	6350 PSI	7780 PSI	223,000#

If conductor drive pipe is used, it will be left in place if its total length is less than 20 feet below the surface. If the total length of the drive pipe is equal to or greater than 20 feet, it will be pulled prior to cementing surface casing, or it will be cemented in place. The minimum diameter of the conductor drive pipe will be 13 3/8".

All casing will be new or inspected.

5. MUD PROGRAM

Depth INTERVAL From To	Mud Weight	Vis	WL (cc)	MUD TYPE
0' - 120'	N/A	N/A	N/A	Air
120' - 2800'	N/A	N/A	N/A	Air/Mist or Aerated Water
2800' - TD	As Needed	As Needed	<8	Aerated 4% KCL water, salt gel

NOTE: Add 400 sx KCL to system over 24 hour period after reaching 4000'. Maintain 4% system to TD. (Convert to salt gel mud system as hole conditions dictate.)

CHAPITA WELLS UNIT 819-15
SW/NW, SEC. 15, T9S, R22E, S.L.B.&M.
UINTAH COUNTY, UTAH

Lost circulation probable from 1500' to 3000'+/-.
Sufficient mud inventory will be maintained on location during drilling to handle any adverse conditions that may arise.

6. VARIANCE REQUESTS:

A. EOG Resources, Inc. requests a variance to regulations requiring a straight run blooie line (Where possible, a straight run blooie line will be used).

B. EOG Resources, Inc. requests a variance to regulations requiring an automatic ignitor or continuous pilot light on the blooie line. (Not required on aerated water system).

B. EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. To reduce location excavation, the blooie line will be 75' in length.

7. EVALUATION PROGRAM:

Logs: DIPOLE SONIC — TD to surface casing
SCHLUMBERGER PLATFORM EXPRESS — TD to surface casing

Cores: None Programmed
DST: None Programmed

Completion: To be submitted at a later date.
Note: If hole conditions prevent the running of open hole logs, a cased hole Dipole Sonic/Neutron/Gr will be run in lieu of open hole logs.

8. ABNORMAL CONDITIONS:

Possible lost circulation near top of Green River

Mesa Verde Section slightly over-pressured.

9. STANDARD REQUIRED EQUIPMENT:

A. Choke Manifold
B. Kelly Clock
C. Stabbing Valve
D. Visual Mud Monitoring

CHAPITA WELLS UNIT 819-15
SW/NW, SEC. 15, T9S, R22E, S.L.B.&M.
UINTAH COUNTY, UTAH

10. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

(Attachment: BOP Schematic Diagram)

CONDITIONS OF APPROVAL
FOR THE SURFACE USE PROGRAM OF THE
APPLICATION FOR PERMIT TO DRILL

Company/Operator:	EOG Resources, Inc.
Well Name & Number:	Chapita Wells Unit 819-15
Lease Number:	U-0283-A
Location:	2038' FNL & 724' FWL, SW/NW, Sec. 15, T9S, R22E, S.L.B.&M., Uintah County, Utah
Surface Ownership:	Federal

NOTIFICATION REQUIREMENTS

Location Construction - forty-eight (48) hours prior to construction of location and access roads.

Location Completion - prior to moving on the drilling rig.

Spud Notice: - at least twenty-four (24) hours prior to spudding the well.

Casing String and Cementing - twenty-four (24) hours prior to running casing and cementing all casing strings.

BOP and related Equipment Tests - twenty-four (24) hours prior to running casing and tests.

First Production Notice - within five (5) business days after new Well begins or production resumes after Well has been off production for more than ninety (90) days.

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

THIRTEEN POINT SURFACE USE PROGRAM

1. EXISTING ROADS

A. See attached Wellsite Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
B. The proposed well site is located approximately 15.6 miles southeast of Ouray, Utah - See attached TOPO Map "A".
C. Refer to attached Topographic Map "A" showing labeled access route to location.
D. Existing roads will be maintained and repaired as necessary. No off lease Right-of-Way will be required.

2. PLANNED ACCESS ROAD

A. The access road will be approximately 0.3 miles in length. See attached TOPO Map "B".
B. The access road has a 30 foot ROW w/ 18 foot running surface.
C. Maximum grade on access road will be 8%.
D. No turnouts will be required.
E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
F. No culverts, bridges, or major cuts and fills will be required.
G. The access road will be dirt surface.
H. No gates, cattleguards, or fences will be required or encountered.

New or reconstructed roads will be centerlined - flagged at time of location staking.

The road shall be upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Upgrading shall include ditching, drainage, graveling, crowning, and capping the roadbed as necessary to provide a well-constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot Right-of-Way will not be allowed.

Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossings nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by run off water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

As operator, EOG Resources, Inc. shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

3. LOCATION OF EXISTING WELLS WITHIN A ONE MILE RADIUS OF PROPOSED WELL LOCATION

A. Abandoned wells – 3*
B. Producing wells - 45*
(*See attached TOPO map "C" for location)

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

A. ON WELL PAD

1. Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of wellhead valves, combo separator-dehy unit with meter, 300 Bbl vertical or 200 Bbl low profile, condensate tank, and attaching piping. See attached facility diagram.
2. Gas gathering lines - A 3" gathering line will be buried from dehy to the edge of the location.

B. OFF WELL PAD

1. Proposed location of attendant off pad flowlines shall be flagged prior to archaeological clearance.
2. A 3" OD steel above ground natural gas pipeline will be laid approximately 450' from proposed location to a point in the SW/NW of Section 15, T9S, R22E, where it will tie into Questar Pipeline Co.'s existing line. Proposed pipeline crosses Federal lands within the Chapita Wells Unit, thus a Right-of -Way grant will not be required.
3. Proposed pipeline will be a 3" OD steel, welded line laid on the surface.
4. Protective measures and devices for livestock and wildlife will be taken and/or installed where required.

If storage facilities/tank batteries are constructed on this lease, the facility/battery or the well pad shall be surrounded by a containment dike of sufficient capacity to contain, at a minimum, the entire contents of the largest tank within the facility/battery.

The production facilities will be placed on the West side of the location.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within 6 months of installation. Facilities

required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

The required paint color is Carlsbad Canyon.

If at any time the facilities located on public land and authorized by the terms of the lease are no longer included in the lease (due to a contraction in the unit or other lease or unit boundary change), BLM will process a change in authorization to the appropriate statute. The authorization will be subject to appropriate rental or other financial obligation as determined by the authorized officer.

5. LOCATION & TYPE OF WATER SUPPLY

A. Water supply will be from Ouray Municipal Water Plant at Ouray, Utah, and/or Target Trucking Inc.'s water source in the SW/SW, Sec. 35, T9S, R22E, Uintah County, Utah (State Water Right #49-1501). Produced water from the Chapita Wells and Stagecoach Units will also be used.
B. Water will be hauled by a licensed trucking company.
C. No water well will be drilled on lease.

6. SOURCE OF CONSTRUCTION MATERIAL

A. All construction material for this location and access road will be of native borrow and soil accumulated during the construction of the location.
B. All construction material will come from Federal Land.
C. No mineral materials will be required.

7. METHODS OF HANDLING WASTE DISPOSAL

A. METHODS AND LOCATION
   1. Cuttings will be confined in the reserve pit.
   2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
   3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at the Uintah County Landfill.
   4. Produced wastewater will be confined to a lined pit or storage tank for a period not to exceed 90 days after initial production. After the 90 day period, the produced water will be contained in a tank on location and then disposed of at one of the following three locations: Natural Buttes Unit 21-20B SWD, Ace Disposal, or EOG Resources, Inc. drilling operations (Chapita Wells Unit, Natural Buttes Unit & Stagecoach Unit).

5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.

B. Water from drilling fluids and recovered during testing operations will be disposed of by either evaporating in the reserve pit or be removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to the reserve pit will be avoided by flaring them off in the flare pit at the time of recovery.

On BLM administered land:
The reserve pit will be constructed so as not to leak, break, or allow discharge. If the reserve pit requires padding prior to lining (due to rocky conditions) felt padding will be used.

The reserve pit shall be lined.

8. **ANCILLARY FACILITIES**
   A. No airstrips or camps are planned for this well.

9. **WELLSITE LAYOUT**
   A. Refer to attached well site plat for related topography cuts and fills and cross sections.
   B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
   C. Refer to attached well site plat for rig orientation, parking areas, and access road.
   D. The approved seed mixture for this location is:
      4 pounds Indian Rice Grass per acre
      4 pounds Galleta Grass per acre
      4 pounds Shad Scale per acre

The reserve pit will be located on the Northwest corner of the location. The flare pit will be located downwind of the prevailing wind direction on the North side of the location, a minimum of 100 feet from the well head and 30 feet from the reserve pit fence.
The stockpiled pit topsoil will be stored separate from the location topsoil between Corners 5 and B. The stockpiled location topsoil will be stored around the Northeast Corner of the location. Upon completion of construction, the stockpiled topsoil from the location will be broadcast seeded with the approved seed mixture for this location and then walked down with a cat.

Access to the well pad will be from the East.

Corners #2 & #6 will be rounded off to minimize excavation.

FENCING REQUIREMENTS:

All pits will be fenced according to the following minimum standards:

A. Thirty-nine inch net wire shall be used with at least one strand of barbed wire on top of the net wire. (Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence).
B. The net wire shall be no more than 2 inches above the ground. The barbed wire strand shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
C. Corner posts shall be cemented and/or braced in such a manner as to keep the fence tight at all times.
D. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 feet.
E. All wire shall be stretched by using a stretching device before it is attached to the corner posts.

The reserve pit fencing will be on the three sides during drilling operations and on the fourth side when the rig moves off the location. Pits will be fenced and maintained until clean-up.

Each existing fence to be crossed by the access road shall be braced and tied off before cutting so as to prevent slacking of the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and, upon completion of construction, the fence shall be repaired to BLM or SMA specifications. A cattleguard with an adjacent 16 foot gate shall be installed in any fence where a road is to be regularly traveled. If the well is a producer, the cattleguards (shall/shall not) be permanently mounted on concrete bases. Prior to a new road, crossing any fence located on Federal land, or any fence between Federal land and private land, the operator will contact the BLM, who will in turn contact the grazing permittee or owner of said fence and offer him/her the opportunity to be present when the fence is cut in order to satisfy himself/herself that the fence is adequately braced and tied off.

10. **PLANS FOR RESTORATION OF SURFACE**

A. **PRODUCING LOCATION**

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The stockpiled pit topsoil will then be spread over the pit area and broadcast seeded with the prescribed seed mixture for this location. The seeded area will then be walked down with a cat.

B. **DRY HOLE/ABANDONED LOCATION**

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and the BLM will attach the appropriate surface rehabilitation conditions of approval.

11. **SURFACE OWNERSHIP**

Access road: Federal
Location: Federal

12. **OTHER INFORMATION**

A. EOG Resources, Inc. will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the AO. Within five working days the AO will inform the operator as to:
-whether the materials appear eligible for the National Register of Historic Places;

-the mitigation measures the operator will likely have to undertake before the site can be used.

-a time frame for the AO to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.

If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials that may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will then be allowed to resume construction.

B. As operator, EOG Resources, Inc. will control noxious weeds along Right-of-Ways for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds will be obtained from the BLM, or the appropriate County Extension Office. On BLM administered land, a Pesticide Use proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.

C. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on BLM lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.)

Additional Surface Stipulations

None

LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION

OPERATIONS		PERMITTING
EOG Resources, Inc.	EOG Resources, Inc.	Ed Trotter
P.O. Box 250	P.O. Box 1815	P.O. Box 1910
Big Piney, WY 83113	Vernal, UT 84078	Vernal, UT 84078
Jim Schaefer	George McBride	Telephone: (435)789-4120
Telephone (307)276-3331	Telephone (435)789-0790	Fax: (435)789-1420

All lease or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approval plan of operations, and any applicable Notice to Lessees. EOG Resources, Inc. is fully responsible for the actions of their subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

A copy of the approved APD and ROW grant, if applicable, shall be on location during construction of the location and drilling activities.

Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions that presently exist; that the statements made in the Plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by EOG Resources, Inc. and its contractors and subcontractors in conformity with this Plan and the terms and conditions under which it is approved.

5-16-2002
Date

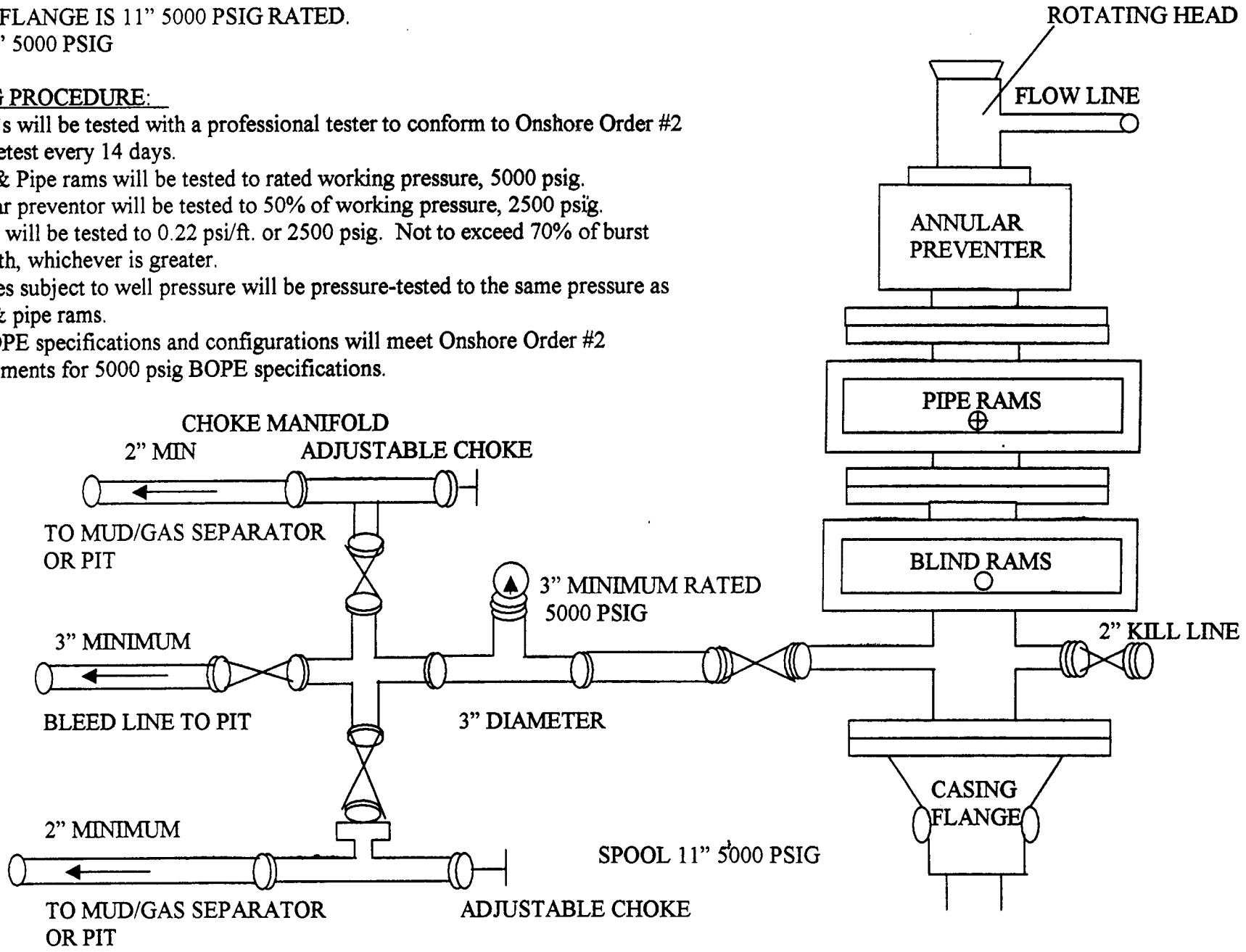
Agent

5000 PSIG DIAGRAM

ANNULAR PREVENTOR AND BOTH RAMS ARE 5000 PSIG RATED.
CASING FLANGE IS 11" 5000 PSIG RATED.
BOPE 11" 5000 PSIG

TESTING PROCEDURE:

1. BOPE's will be tested with a professional tester to conform to Onshore Order #2 with retest every 14 days.
2. Blind & Pipe rams will be tested to rated working pressure, 5000 psig.
3. Annular preventor will be tested to 50% of working pressure, 2500 psig.
4. Casing will be tested to 0.22 psi/ft. or 2500 psig. Not to exceed 70% of burst strength, whichever is greater.
5. All lines subject to well pressure will be pressure-tested to the same pressure as blind & pipe rams.
6. All BOPE specifications and configurations will meet Onshore Order #2 requirements for 5000 psig BOPE specifications.



EOG RESOURCES, INC.

CWU #819-15

LOCATED IN UINTAH COUNTY, UTAH
SECTION 15, T9S, R22E, S.L.B.&M.

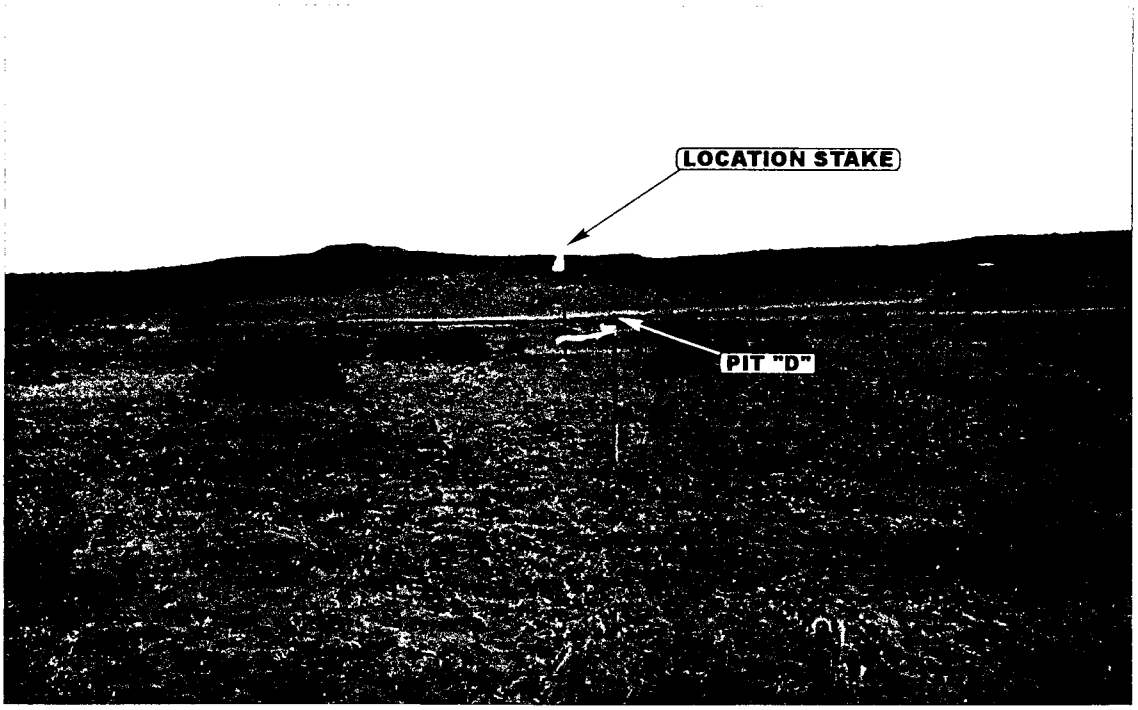


PHOTO: VIEW FROM PIT "D" TO LOCATION STAKE — CAMERA ANGLE: SOUTHERLY

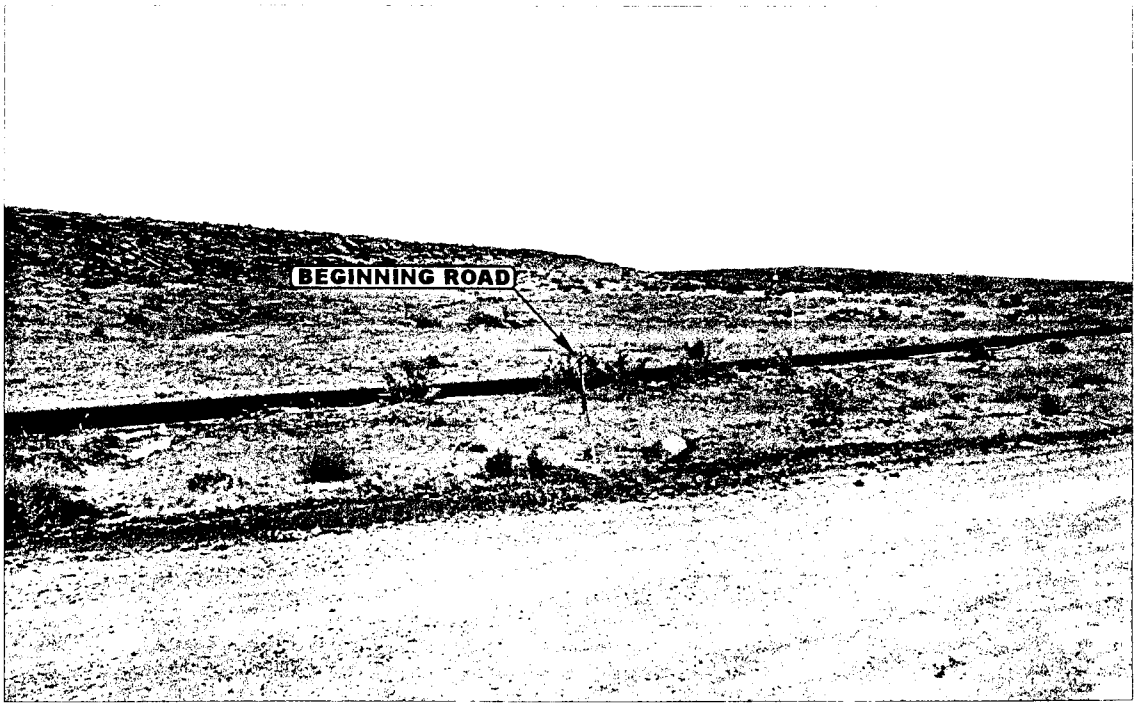


PHOTO: VIEW FROM BEGINNING OF PROPOSED ROAD — CAMERA ANGLE: EASTERLY

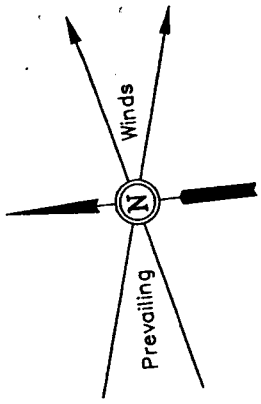
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com
Since 1964

LOCATION PHOTOS	4 MONTH	19 DAY	02 YEAR	PHOTO
TAKEN BY: B.B.	DRAWN BY: J.L.G.	REVISED: 00-00-00		

EOG RESOURCES, INC.

LOCATION LAYOUT FOR

CWU #819-15
SECTION 15, T9S, R22E, S.L.B.&M.
2038' FNL 724' FWL



SCALE: 1" = 50'
DATE: 04-16-02
Drawn By: D.R.B.

C-4.4'
El. 98.1'

C-2.0'
El. 95.7'

PROPOSED ACCESS ROAD

C-0.5'
El. 94.2'

Sta. 3+25

Topsoil Stockpile

DATA

65'

175'

Approx. Top of Cut Slope

NOTE:
Flare Pit is to be located a min. of 100' from the Well Head.

PIT
Top Soil

CATWALK

PIPE RACKS

Existing Surface Pipeline

C-3.0'
El. 96.7'

C-2.4'
El. 96.1'

FLARE PIT

20' WIDE BENCH

41'

29'

36'

RIG

DOG HOUSE

135'

Sta. 1+50

70'

C-2.5'
El. 96.2'

WATER

Existing Drainage

F-2.9'
El. 90.8'

El. 97.2'
C-15.5'
(btm. pit)

TRAILER

PUMP

MUD SHED

TOILET

MUD TANKS

RESERVE PITS
(12' Deep)

Approx. Toe of Fill Slope

HOPPER

147'

15' WIDE BENCH

Reserve Pit Backfill & Spoils Stockpile

Pit Capacity With 2' of Freeboard is ± 11,130 Bbls.

POWER

Existing Drainage

FUEL

TOOLS

Round Corners as needed

FUEL

Sta. 0+18

TRASH

150'

STORAGE TANK

Sta. 0+00

20' WIDE BENCH

T.S.

T.S.

El. 97.0'
C-15.3'
(btm. pit)

El. 92.9'
F-0.8'

F-1.8'
El. 91.9'

F-5.6'
El. 88.1'

Elev. Ungraded Ground at Location Stake = 4796.1'
Elev. Graded Ground at Location Stake = 4793.7'

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017

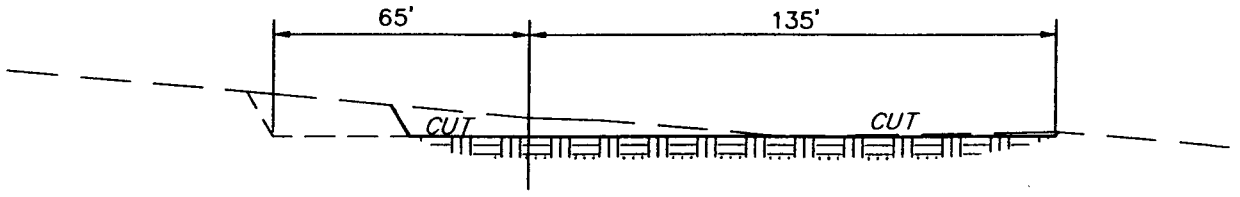
EOG RESOURCES, INC.

TYPICAL CROSS SECTIONS FOR

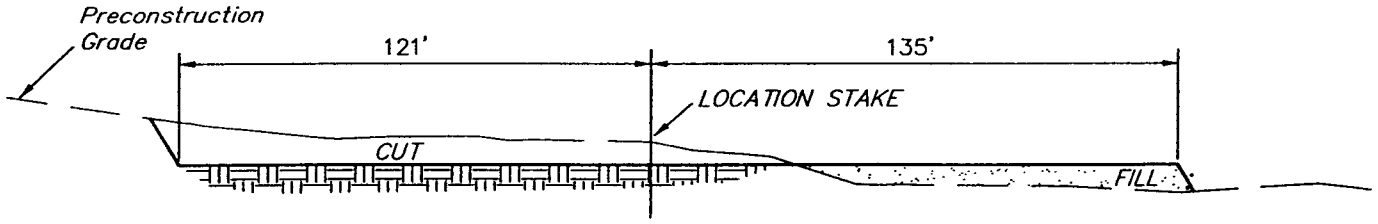
CWU #819-15
SECTION 15, T9S, R22E, S.L.B.&M.
2038' FNL 724' FWL

1" = 20'
X-Section Scale
1" = 50'

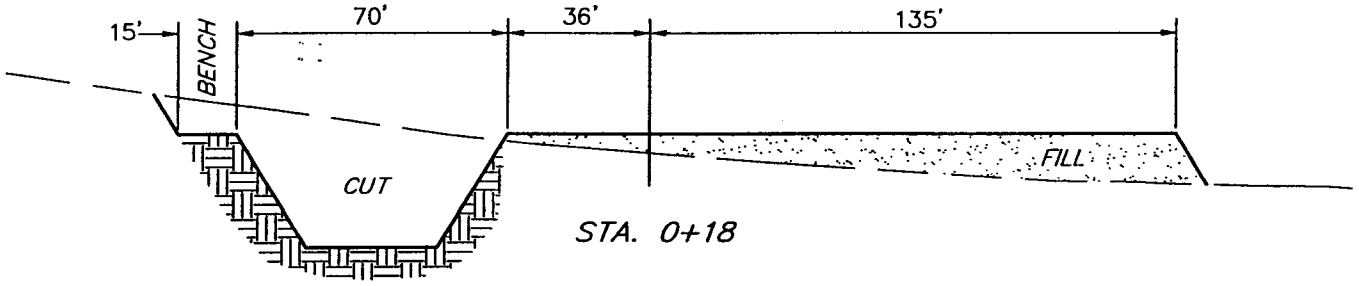
DATE: 04-16-02
Drawn By: D.R.B.



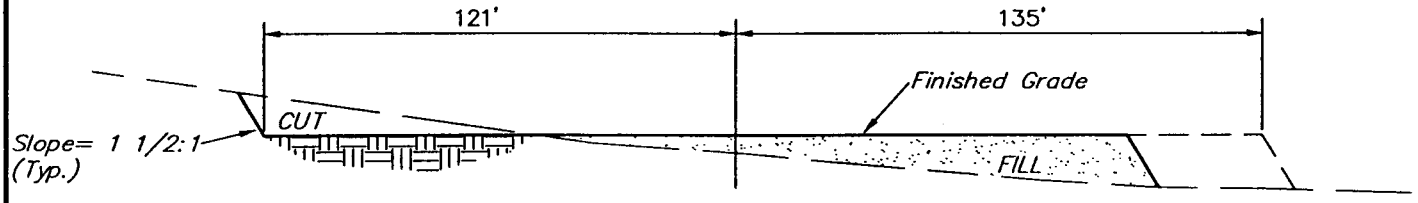
STA. 3+25



STA. 1+50



STA. 0+18



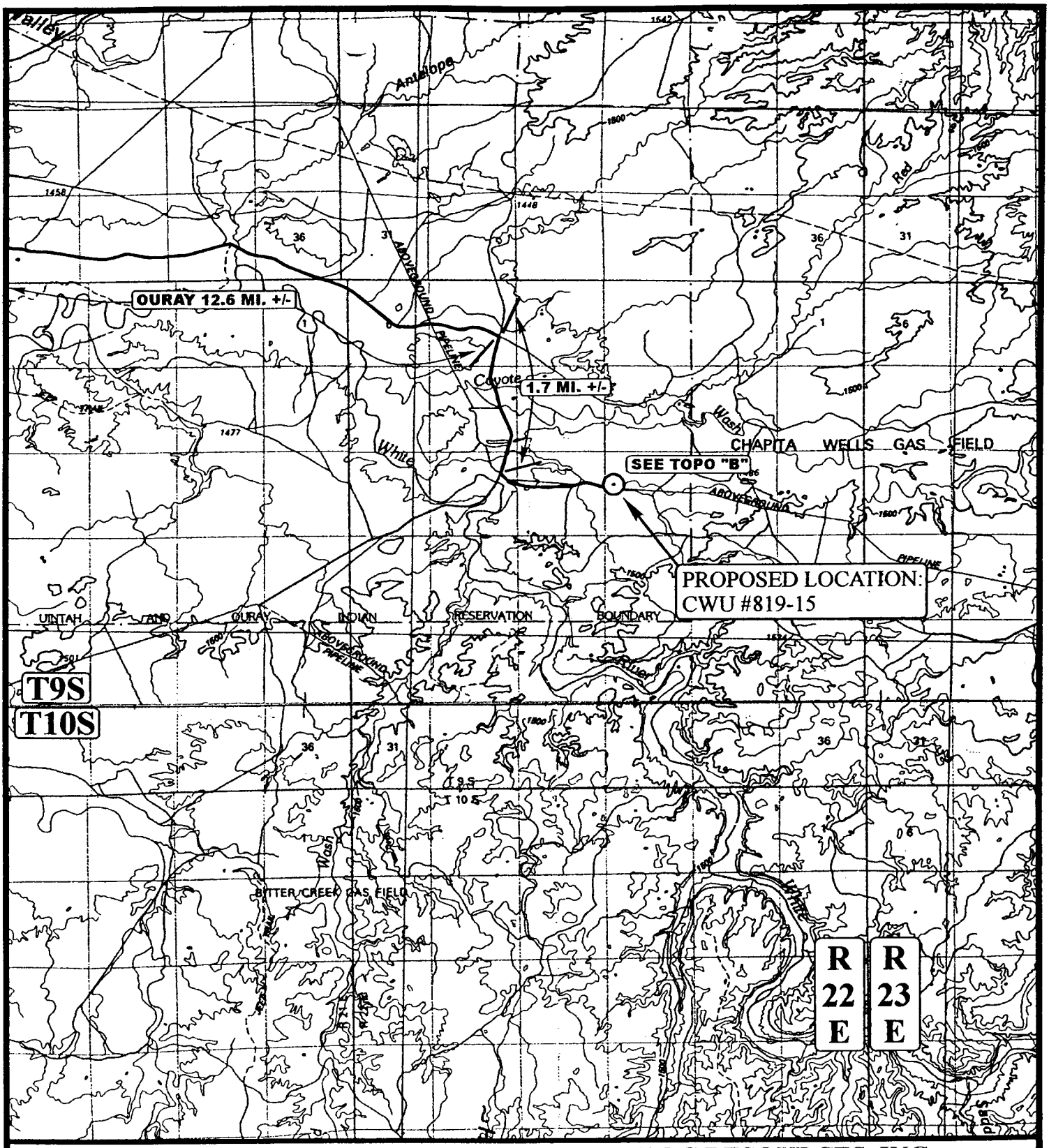
STA. 0+00

APPROXIMATE YARDAGES

(6") Topsoil Stripping	=	1,410 Cu. Yds.
Remaining Location	=	5,090 Cu. Yds.
TOTAL CUT	=	6,500 CU.YDS.
FILL	=	3,390 CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION	=	2,930 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	2,930 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	=	0 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017



LEGEND:

⊙ PROPOSED LOCATION

N

EOG RESOURCES, INC.

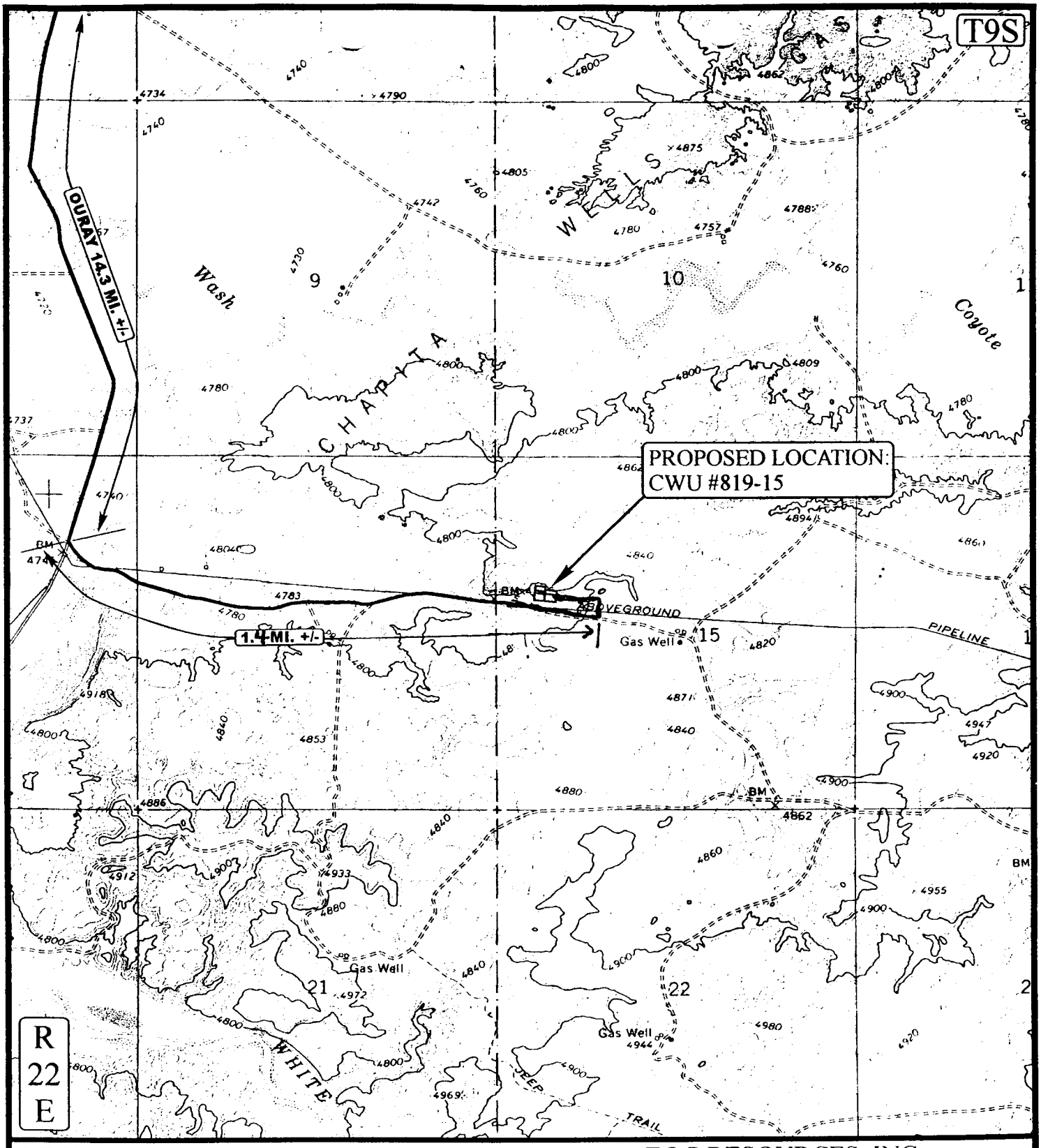
CWU #819-15

SECTION 15, T9S, R22E, S.L.B.&M.

2038' FNL 724' FWL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	4 MONTH	19 DAY	02 YEAR	A TOPO
SCALE: 1:100,000	DRAWN BY: J.L.G.	REVISED: 00-00-00		



LEGEND:

- - - - - - - - - - PROPOSED ACCESS ROAD

———— EXISTING ROAD

N

EOG RESOURCES, INC.

CWU #819-15

SECTION 15, T9S, R22E, S.L.B.&M.

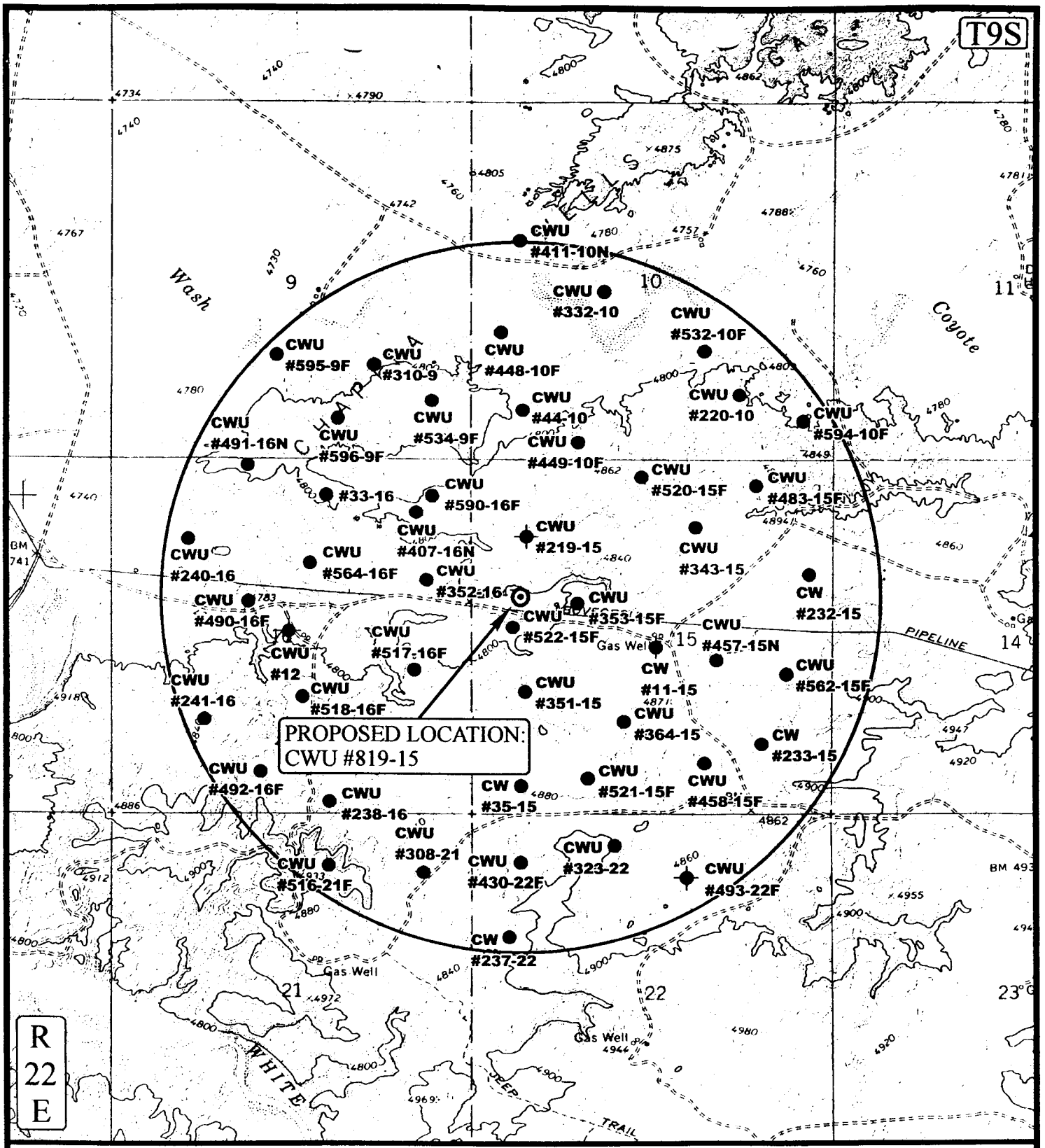
2038' FNL 724' FWL

Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078

(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	4 MONTH	19 DAY	02 YEAR	B TOPO
SCALE: 1" = 2000'	DRAWN BY: J.L.G.	REVISED: 00-00-00		



LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

N

EOG RESOURCES, INC.

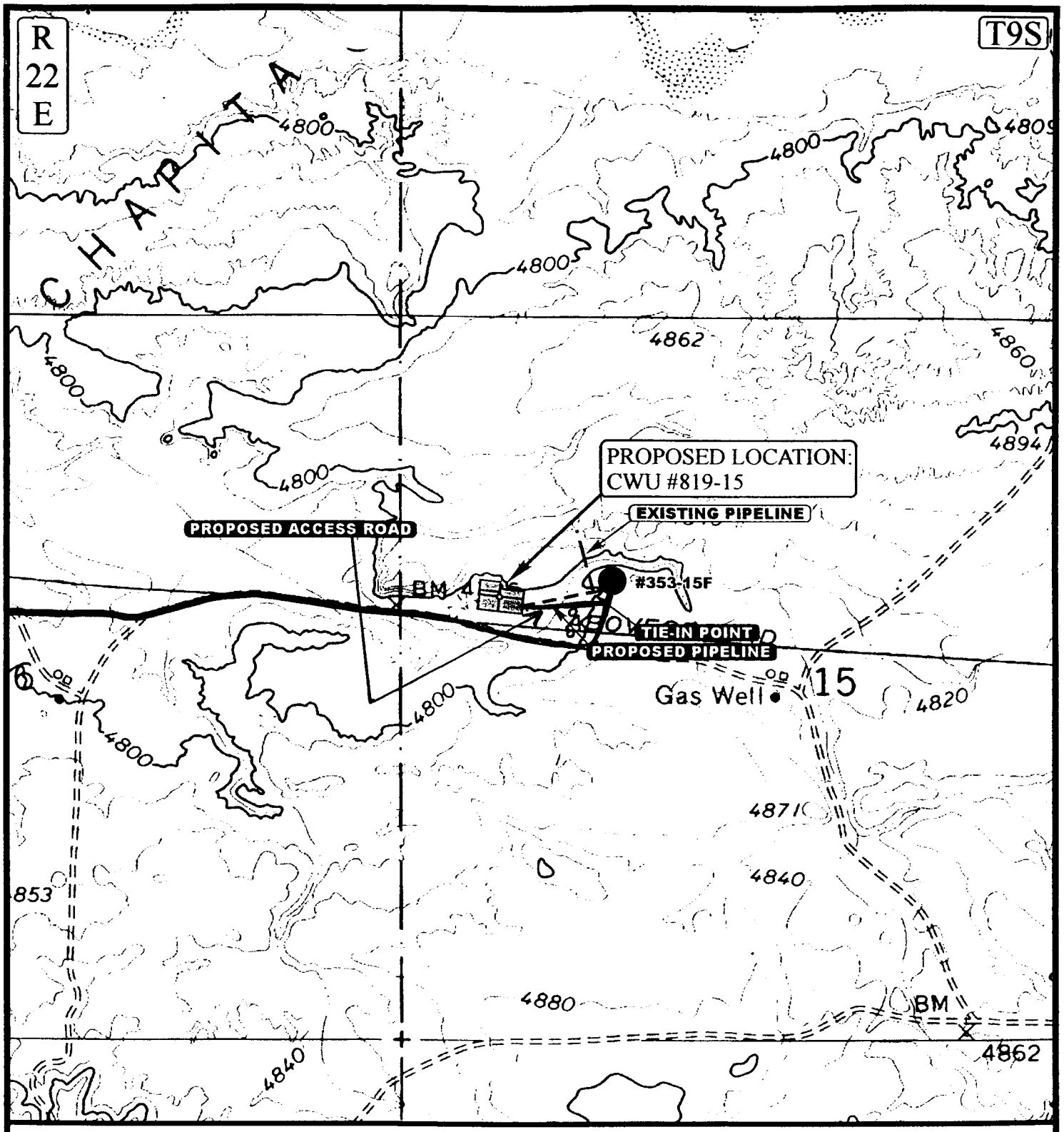
CWU #819-15

SECTION 15, T9S, R22E, S.L.B.&M.

2038' FNL 724' FWL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	4 MONTH	19 DAY	02 YEAR
SCALE: 1" = 2000'	DRAWN BY: J.L.G.	REVISED: 00-00-00	C TOPO



APPROXIMATE TOTAL PIPELINE DISTANCE = 450' +/-

LEGEND:

EXISTING PIPELINE

PROPOSED PIPELINE

PROPOSED ACCESS

N

EOG RESOURCES, INC.

CWU #819-15

SECTION 15, T9S, R22E, S.L.B.&M.

2038' FNL 724' FWL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	4 MONTH	19 DAY	02 YEAR	D TOPO
SCALE: 1" = 1000'	DRAWN BY: J.L.G.	REVISED: 00-00-00		

002

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 05/24/2002

API NO. ASSIGNED: 43-047-34581

WELL NAME: CWU 819-15

OPERATOR: EOG RESOURCES INC (N9550)

CONTACT: ED TROTTER

PHONE NUMBER: 435-789-0790

PROPOSED LOCATION:

SWNW 15 090S 220E

SURFACE: 2038 FNL 0724 FWL

BOTTOM: 2038 FNL 0724 FWL

UINTAH

NATURAL BUTTES (630)

LEASE TYPE: 1 - Federal

LEASE NUMBER: U-0283-A

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: BLKHK

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LATITUDE: 40.03764

LONGITUDE: 109.43241

RECEIVED AND/OR REVIEWED:

✓ Plat

✓ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. NM-2308)

N Potash (Y/N)

Y Oil Shale 190-5 (B) or 190-3 or 190-13

✓ Water Permit
(No. MUNICIPAL)

N RDCC Review (Y/N)
(Date:)

NA Fee Surf Agreement (Y/N)

LOCATION AND SITING:

___ R649-2-3.

Unit CHAPITA WELLS

___ R649-2-3. General

Siting: 460 From Qtr/Qtr & 920' Between Wells

___ R649-3-3. Exception

✓ Drilling Unit

Board Cause No: 179-8

Eff Date: 8-10-99

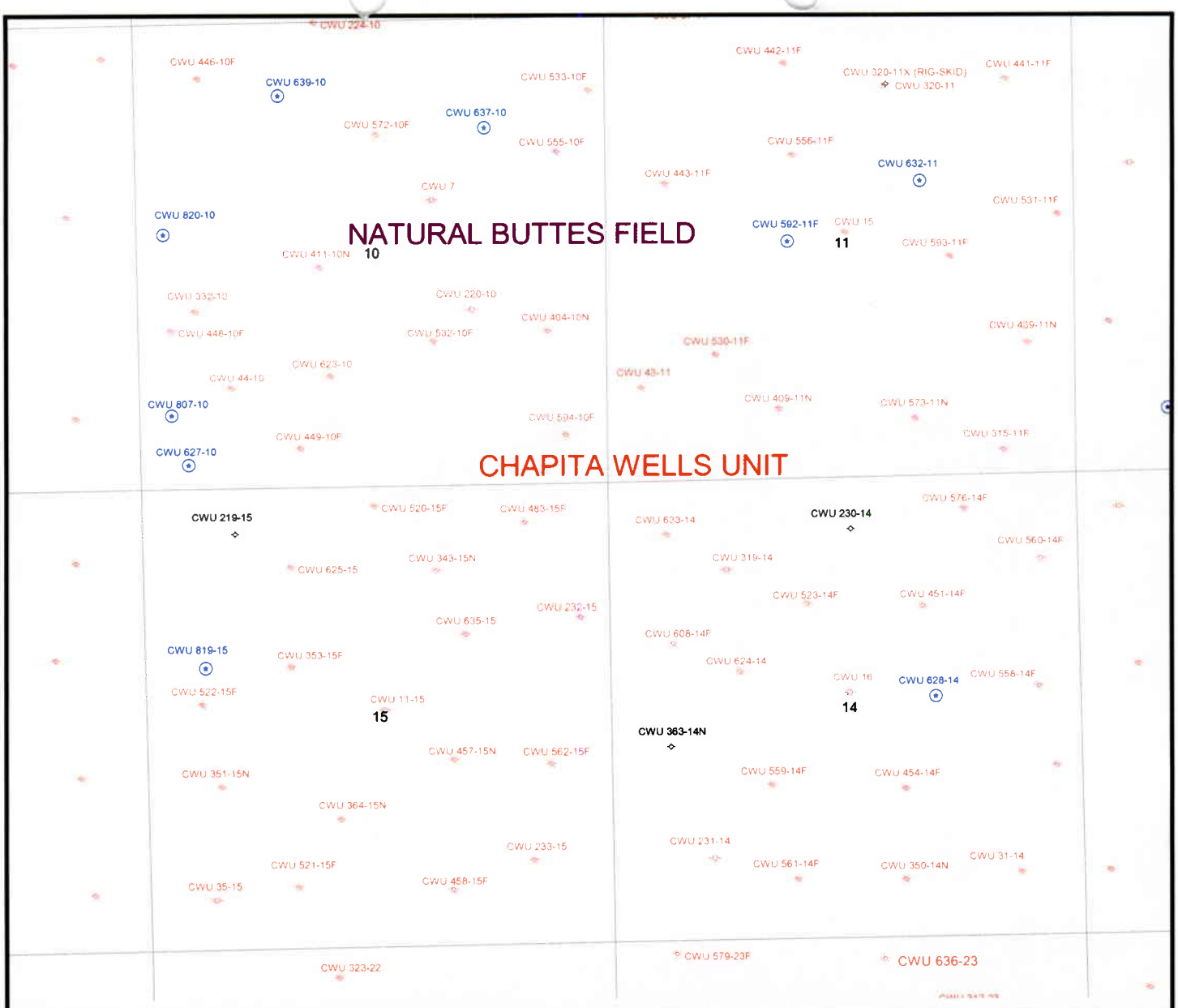
Siting: 460' Fr Unit Boundary

___ R649-3-11. Directional Drill

COMMENTS:

STIPULATIONS: 1- Fed Approval

2- OIL SHALE

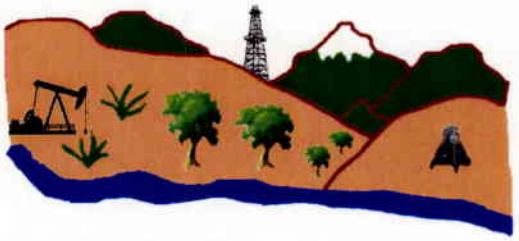


Operator Name: EOG RESOURCES (N9550)

Sec. 15 T9S R22E

Field: NATURAL BUTTES (630)

County: UINTAH Unit: CHAPITA WELLS CAUSE: 179-8 / 8-10-99



Utah Oil Gas and Mining

Field Status
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED
- Township.shp
- Sections

Well Status
- Gas Injection
- Gas Storage
- Location Abandoned
- Location
- Plugged
- Producing Gas
- Producing Oil
- Shut-In Gas
- Shut-In Oil
- Temporarily Abandoned
- Test Well
- Water Injection
- Water Supply
- Water Disposal

Unit Status
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

N
W E
S

Prepared By: D. Mason
Date: 03-June-2002

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

June 5, 2002

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2002 Plan of Development Chapita Wells Unit, Uintah County, Utah.

Pursuant to email between Diana Mason, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management. The following wells are planned for calendar year 2002 within the Chapita Wells Unit, Uintah County, Utah.

Api Number	Well	Location
(Proposed PZ Wasatch)		
43-047-34579	CWU 588-25N	Sec. 25, T9S, R22E 1104 FSL 0726 FEL
(Proposed PZ Wasatch-Mesaverd)		
43-047-34580	CWU 808-21	Sec. 21, T9S, R22E 1785 FNL 2002 FEL
43-047-34581	CWU 819-15	Sec. 15, T9S, R22E 2038 FNL 0724 FWL
43-047-34582	CWU 820-10	Sec. 10, T9S, R22E 2400 FNL 0350 FWL

The current participating area covers the Wasatch formation only. Mesaverde production should not be commingled with Wasatch production without prior approval from the BLM Vernal Field office.

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - Chapita Wells Unit
Division of Oil Gas and Mining

003

State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Kathleen Clarke
Executive Director
Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

June 5, 2002

EOG Resources Inc
P O Box 1815
Vernal, UT 84078

Re: Chapita Wells Unit 819-15 Well, 2038' FNL, 724' FWL, SWNW, Sec. 15, T. 9S, R. 22E, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-34581.

Sincerely,

for John R. Baza
Associate Director

pb
Enclosures
cc: Uintah County Assessor
Bureau of Land Management, Vernal District Office

Operator: EOG Resources Inc

Well Name & Number Chapita Wells Unit 819-15

API Number: 43-047-34581

Lease: U-0283-A

Location: SWNW **Sec.** 15 **T.** 9S **R.** 22E

Conditions of Approval

1. General

   Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

   Notify the Division within 24 hours of spudding the well.

   - Contact Carol Daniels at (801) 538-5284.

   Notify the Division prior to commencing operations to plug and abandon the well.

   - Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

   All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.

5. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

Form 3160-3
(July 1992)

FORM APPROVED
OMB NO. 1004-0136

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
APPLICATION FOR PERMIT TO DRILL OR DEEPEN

5. Lease designation and serial number: U-0283-A
6. If Indian, Allottee or Tribe name:
7. Unit Agreement Name: CHAPITA WELLS UNIT
8. Farm or lease name, well no.:
9. API Well No.: CWU 819-15
10. Field and pool, or wildcat: MANCOS
11. Sec., T., R., M., or BLK. and survey or area: SEC. 15, T9S, R22E
12. County or parish: UINTAH
13. State: UTAH

1a. TYPE OF WORK: DRILL ☒ DEEPEN ☐

b. TYPE OF WELL: Oil Well ☐ Gas Well ☒ Other — Single Zone ☐ Multiple Zone ☐

2. Name of Operator: EOG RESOURCES, INC.

3. Address and Telephone Number: P.O. BOX 1815, VERNAL, UT 84078 (435)789-0790

4. Location of Well (Report location clearly and in accordance with any State requirements.)
At surface: 2038' FNL & 724' FWL SW/NW
At proposed prod. Zone:

14. Distance in miles and direction from nearest town or post office: 15.6 MILES SOUTHEAST OF OURAY, UTAH

15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. Unit line, if any): 724'

16. No. of acres in lease: 1360

17. No. of acres assigned to this well:

18. Distance from proposed location to nearest well, drilling, completed, or applied for, on this lease, ft.:

19. Proposed depth: 10,390'

20. Rotary or cable tools: ROTARY

21. Elevations (show whether DF, RT, GR, etc.): 4793.7 FEET GRADED GROUND

22. Approx. date work will start: UPON APPROVAL

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	48#	120' +/-	Cement with 50 sx Class "G" plus 2%
12 ¼"	9 5/8"	36.0#	2800' +/-	CaCl2. (Casing will be preset.) Cement
7 7/8"	4 ½"	11.6#	10,390' +/-	interval from 2800' to 1800' with Class "G" plus 2% CaCl2 & ¼#/sx Celloflake. Cement interval from 1800' to surface With light weight cement plus specified additives. 1" top 25' with Class "G" cement plus 3% CaCl2. Cement interval from TD to 500'+/- above uppermost pay interval with 50/50 Pozmix w/2% gel & 10% salt. Volume to be calculated from Caliper log annular volume plus 5% excess. Circulate casing before cementing. Reciprocate casing during Cementing.

SEE ATTACHMENTS FOR:

8 POINT PLAN
BOP SCHEMATIC
SURFACE USE AND OPERATING PLAN
LOCATION PLAT
LOCATION LAYOUT
TOPOGRAPHIC MAPS "A", "B", AND "C"
GAS SALES PIPELINE—MAP "D"

RECEIVED
MAY 23 2002
CONFIDENTIAL

RECEIVED
AUG 12 2002
DIVISION OF OIL, GAS AND MINING

EOG RESOURCES INC. WILL BE THE DESIGNATED OPERATOR OF THE SUBJECT WELL UNDER BOND #NM-2308

Pc: UTAH DIVISION OF OIL, GAS, AND MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.
24.

SIGNED Ed Trotter TITLE Agent DATE 5-16-2002

(This space for Federal or State office use)

PERMIT NO. 43-047-34581 APPROVAL DATE NOTICE OF APPROVAL

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY Howard B. Leavitt TITLE Assistant Field Manager Mineral Resources DATE 08/05/2002

CONDITIONS OF APPROVAL ATTACHED

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: EOG Resources Inc.

Well Name & Number: CWU 819-15

API Number: 43-047-34581

Lease Number: U - 0283-A

Location: SWNW Sec. 15 T.09S R. 22E

Agreement: CHAPITA WELLS UNIT

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to this office **prior to setting the next casing string or requesting plugging orders**. Faxed copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a **5M** system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

3. Casing Program and Auxiliary Equipment

The 13 3/8 in. conductor shall be cemented to surface with neat cement.

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

In addition, to the cementing proposal for the surface casing, a minimum of 200 ft. of Class G neat cement shall be placed from 200 ft. to surface in the 9 5/8" X 13 3/8" -12 1/4" annulus.

As a minimum, the usable water shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the production casing shoe, identified at ±2,800 ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vapor proof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run from the production casing shoe to top of the cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5(d) shall be submitted to the appropriate Field Office within 60 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (1).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.
All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.
The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries and tested for meter accuracy at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to $10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, you must contact one of the following individuals:

Ed Forsman, Petroleum Engineer	(435) 828-7874
Kirk Fleetwood, Petroleum Engineer	(435) 828-7875
BLM FAX Machine	(435) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spend solvents, spilled chemicals, and waste acids

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

CONDITIONS OF APPROVAL
FOR THE SURFACE USE PROGRAM OF THE
APPLICATION FOR PERMIT TO DRILL

-A low water crossing shall be built into the road wherever the access road crosses a drainage.

-After the reserve pit is reclaimed, a drainage diversion shall be extended across the north edge of the location

-Topsoil will not be used for the construction of tank dikes.

-When installing the pipeline, existing roads shall be followed as much as possible.

-The top 4 to 6 inches of topsoil shall be stripped from location prior to constructing the well and stored around corner 6 and from corners 3 to 2 as shown on the location layout sheet.

-All seed poundages used for seeding the topsoil pile and the reclaimed reserve pit shall be in pure live seed.

FORM 3160-5
(September 2001)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

006

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

5. Lease Serial No.
U-0283-A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
CHAPITA WELLS UNIT 819-15

1. Type of Well
[ ] Oil Well [X] Gas Well [ ] Other

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8. Well Name and No.
CWU 819-15

2. Name of Operator
EOG RESOURCES, INC.

9. API Well No.
43-047-34581

3. Address and Telephone No.
(435)789-4120
P.O. BOX 1910, VERNAL, UT 84078

10. Field and Pool, or Exploratory Area
MANCOS

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2038' FNL, 724' FWL, SW/NW
SECTION 15, T9S, R22E

11. County or Parish, State
UINTAH COUNTY, UTAH

12 CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
[X] NOTICE OF INTENT	[ ] Acidize	[ ] Fracture Treat	[ ] Recomplete	
	[ ] Alter Casing	[ ] New Construction	[ ] Temporarily Abandon	
[ ] SUBSEQUENT REPORT	[ ] Casing Repair	[ ] Plug and Abandon	[ ] Water Disposal	
	[ ] Change Plans	[ ] Plug Back	[ ] Water Shut-Off	
[ ] FINAL ABANDONMENT NOTICE	[ ] Convert to Injection	[ ] Production (Start/Resume)		
	[X] Deepen	[ ] Reclamation	[ ] Well Integrity	
			[ ] Other	

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a form 3160-4 shall be filed once testing is completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

EOG Resources, Inc. , requests authority to drill the subject well to an estimated TD of 11,150 feet.
See attachments for revised drilling and casing programs and BOP diagram.

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JAN 0 2 2003
DIV. OF OIL, GAS & MINING

COPY SENT TO OPERATOR
Date: 01-08-03
Initials: CHD

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed) Ed Trotter — Title Agent

Signature Ed Trotter — Date 12-24-2002

Federal Approval of this Action is Necessary

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by BRADLEY G. HILL — ENVIRONMENTAL SCIENTIST III — DATE 01-06-03

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. — Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

EIGHT POINT PLAN

CONFIDENTIAL

CHAPITA WELLS UNIT 819-15
SW/NW, SEC. 15, T9S, R22E, S.L.B.&M.
UINTAH COUNTY, UTAH

1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	DEPTH (KB)
Green River	1759
Wasatch	4859
Island	7243
KMV Cret. Price River	7708
KMV Lower Price River	8944
Sego	9457
Buck Tongue	9535
KMV Castlegate	9635
Black Hawk Shale	9890
KMV Black Hawk	10,088
Manco "B"	10,895

EST. TD: 11,150 Anticipated BHP 4800 PSI

3. PRESSURE CONTROL EQUIPMENT: BOP Schematic Diagram attached.

4. CASING PROGRAM:

HOLE SIZE	INTERVAL	LENGTH	SIZE	WEIGHT	GRADE	THREAD	MINIMUM SAFETY FACTO COLLAPSE	BURST	TENSILE
17 1/2"	0' - 250'+/- GL	250' +/-	13 3/8"	48.0 #	H-40	ST&C	770 PSI	1730 PSI	322,000#
12 1/4"	250' - 2700'+/- KB	2700' +/-	9 5/8"	36.0 #	J-55	ST&C	2020 PSI	3520 PSI	394,000#
7 7/8"	2700' – TD +/-KB	11,150' +/-	4 1/2"	11.6 #	N-80	LT&C	8650 PSI	10,690 PSI	279,000#

All casing will be new or inspected.

5. Float Equipment:

Surface Hole Procedure (0-250' Below GL):
Guide Shoe
Wooden wiper plug
Centralizers: 1 – 5-10' above shoe, every collar for next 3 joints (4 total).
Have bottom of first collar tack-welded, guide shoe and top of first collar thread-locked.

Intermediate Hole Procedure (250-2700'):
Guide Shoe
Insert Float Collar (PDC drillable)
Cents.: 1-5' above shoe, top of jts. #2 and #3 then every 5th joint to surface. (15 total)
Have bottom of collar on jt. #1 tack-welded, thread-lock guide shoe and top of jt. #1.

Production Hole Procedure (2700'-TD):
FS, 1 joint of casing, FC, and balance of casing to surface. Run marker collars and ±10500' and ±7000' (alter depth if needed to avoid placing across any potentially- productive intervals). Centralize 5' above shoe on joint #1, top of joint #2, then every 2nd joint to 400' above Island top (50 total). Thread lock FS, top and bottom of FC, and top of 2nd joint.
NOTE: Differential pressure rating on internal valves in float equipment is 3000 psi.

6. MUD PROGRAM

Surface Hole Procedure (0-250' below GL):
Air – Air Water Mist

Intermediate Hole Procedure (250-2700'):
Water (circulate through reserve pit) with Gel/LCM sweeps.

Production Hole Procedure (2700'-TD):
2700'- 4600' Water (circulate through reserve pit) with Gel/LCM sweeps.

4600'- 7000' Close in mud system. "Mud up" with 6 ppb Diammonium Phosphate (DAP). Drill with DAP water, POLYPLUS for viscosity and hole cleaning, adding KLA-GARD B for supplemental inhibition. Also sweep hole periodically w/ Durogel / LCM sweeps to clean the hole and seal loss zones. Add additional LCM as hole dictates. Mud weight and vis as needed, water loss – no control.

7000'- TD Discontinue KLA-GARD B. Utilize POLYPAC-R for fluid loss control. Maintain 6 ppb DAP. **Do not mix caustic or lime.** Maintain 7.5-8.5 pH. Weight up system and add vis as hole conditions require. Run LCM sweep periodically to seal off loss zones or more often as hole dictates. Water loss: 10-12 cc's. Expect increasing gas shows requiring heavier mud weights from top of Island onward. Treat CO2 contamination with DESCO CF and OSIL (Oxygen scavenger).

7. VARIANCE REQUESTS:

A. EOG Resources, Inc. requests a variance to regulations requiring a straight run blooie line (Where possible, a straight run blooie line will be used).

B. EOG Resources, Inc. requests a variance to regulations requiring an automatic ignitor or continuous pilot light on the blooie line. (Not required on aerated water system).

C. EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. To reduce location excavation, the blooie line will be 75' in length.

CHAPITA WELLS UNIT 819-15
SW/NW, SEC. 15, T9S, R22E, S.L.B.&M.
UINTAH COUNTY, UTAH

8. EVALUATION PROGRAM:

Logs: Schlumberger Platform Express from TD to base of surface casing & Di-pole Sonic from TD to surface in 1 run.

9. CEMENT PROGRAM:

Surface Hole Procedure (0-250' Below GL)

Lead: 300 sx. (100% excess volume) Class 'G' cement with 2% S1 (CaCl2) & 0.25 pps D29 (cellophane flakes), mixed at 15.8 ppg, 1.15 cu. ft./sk., 4.95 gps water.

Top Out: Top out with Class 'G' cement with 2% S1 (CaCl2) in mix water, 15.8 ppg, 1.15 cu. ft./sk., 4.95 gps via 1" tubing set at 25' if needed.

Intermediate Hole Procedure (250-2700')

Lead: 110 sx. (50% excess volume) Class 'G' lead cement (coverage from 1900-1000') with 5% D44 (Salt), 12% D20 (Bentonite), 1% D79% (Extender), 0.25% D112 (Fluid Loss Additive), 0.2% D46 (Anti-Foamer) & 0.25 pps D29 (Cellophane flakes) mixed at 11.0 ppg, 3.91 ft3/sk., 24.5 gps water.

Tail: 230 sx. (50% excess volume) Class 'G' cement (coverage from 2700-1900') with 10% D53 (Gypsum), 2% S1 (CaCl2) & 0.25 pps D29 (Cellophane flakes) mixed at 14.2 ppg, 1.61 ft3/sk., 7.9 gps water.

Bump plug with fresh water. Do not pump over ½ of shoe volume past calculated displacement. Note and record final lift pressure and plug bump pressure.

Production Hole Procedure (2700' to TD)

Lead: 35:65 Poz G w/ 4% D20 (Bentonite), 2% D174 (Extender), 0.2% D65 (Dispersant), 0.2% D46 (Antifoamer), 0.75% D112 (Fluid Loss Additive), 0.15% D13 (Retarder), 0.25 pps D29 (celloflakes), mixed at 13.0 ppg, 1.73 cu. ft./sk., 9.06 gps water.

Tail: 50:50 Poz G w/ 2% D20 (Bentonite), 0.1% D46 (Antifoamer), 0.15% D13 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at 14.1 ppg, 1.28 cu. ft./sk., 5.9 gps water.

CHAPITA WELLS UNIT 819-15
SW/NW, SEC. 15, T9S, R22E, S.L.B.&M.
UINTAH COUNTY, UTAH

10. ABNORMAL CONDITIONS:

INTERMEDIATE HOLE PROCEDURE (250-2700')

Lost circulation below 1500' and minor amounts of gas may be present. An offset well 1/8 mi. northwest of the CWU 819-15 experienced tight hole and stuck pipe related to formation swelling and sloughing at 2322'. Monitor for and report any hydrocarbon shows and/or water zones.

PRODUCTION HOLE PROCEDURE 2700'-TD

Research indicates that mud losses are possible throughout all of the 7-7/8" hole and are almost a certainty when weights exceed 10.8 ppg. (Lost circulation was encountered in several wells around CWU 819-15). Have a variety of LCM particle sizes on location in ample supplies to cover your needs. At the same time, formation pressures in productive zones could require up to 11.8 ppg mud weights to control (CWU 807-10 well located ½ mi. north of the subject well required 11.8 ppg mud to log and run casing). Sloughing shales and keyseat development are possible in the Wasatch Formation. CO2 contamination in the mud is possible in Price River (Mesaverde).

11. STANDARD REQUIRED EQUIPMENT:

A. Choke Manifold
B. Kelly Cock
C. Stabbing Valve
D. Visual Mud Monitoring

12. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

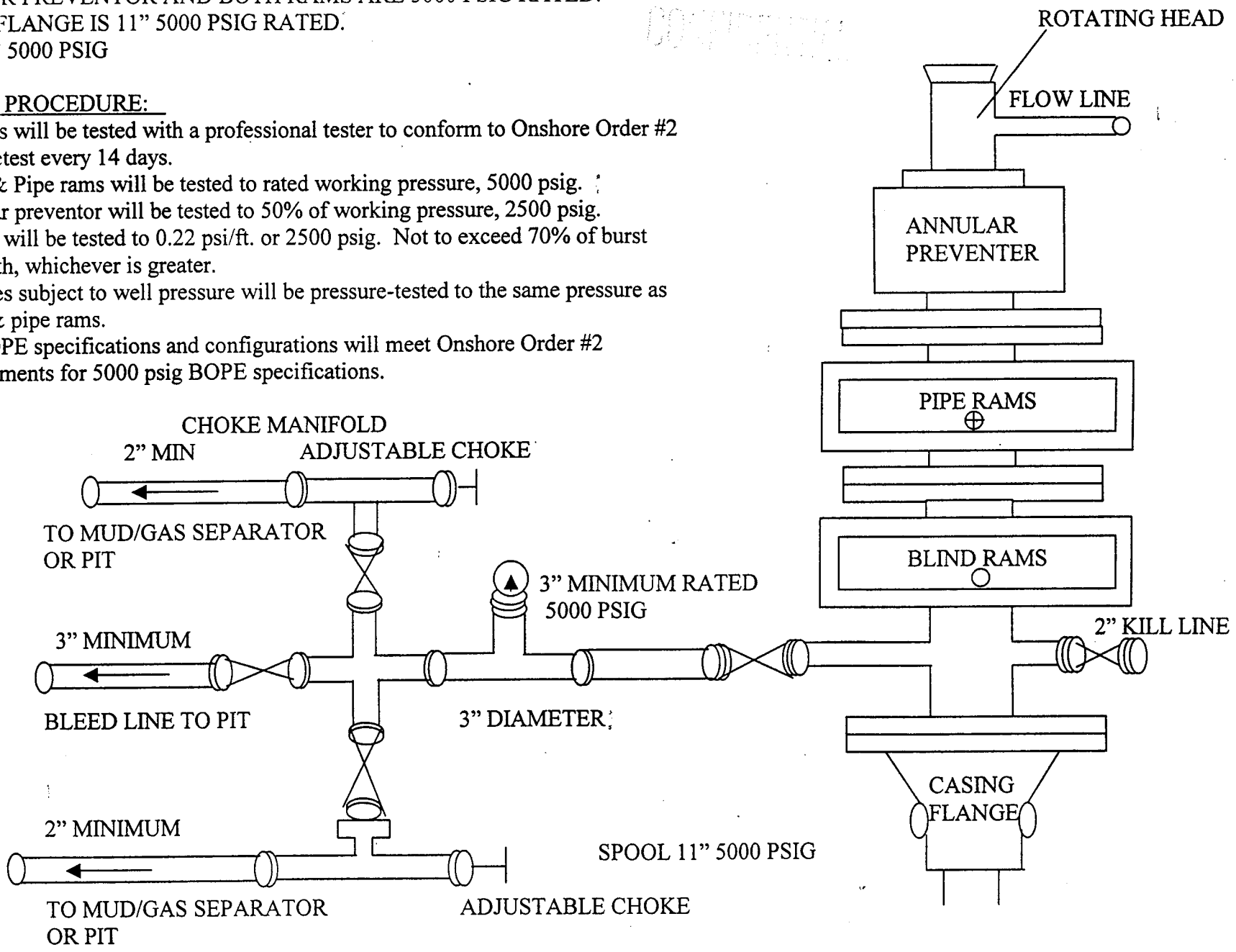
(Attachment: BOP Schematic Diagram)

5000 PSIG DIAGRAM

ANNULAR PREVENTOR AND BOTH RAMS ARE 5000 PSIG RATED.
CASING FLANGE IS 11" 5000 PSIG RATED.
BOPE 11" 5000 PSIG

TESTING PROCEDURE:

1. BOPE's will be tested with a professional tester to conform to Onshore Order #2 with retest every 14 days.
2. Blind & Pipe rams will be tested to rated working pressure, 5000 psig.
3. Annular preventor will be tested to 50% of working pressure, 2500 psig.
4. Casing will be tested to 0.22 psi/ft. or 2500 psig. Not to exceed 70% of burst strength, whichever is greater.
5. All lines subject to well pressure will be pressure-tested to the same pressure as blind & pipe rams.
6. All BOPE specifications and configurations will meet Onshore Order #2 requirements for 5000 psig BOPE specifications.



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DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: **EOG RESOURCES INC**

Well Name: **CWU 819-15**

Api No: **43-047-34581** Lease Type: **FEDERAL**

Section **15** Township **09S** Range **22E** County **UINTAH**

Drilling Contractor **ROCKER DRILLING** RIG# **AIR**

SPUDDED:

Date **01/12/03**

Time **8:00 AM**

How **DRY**

Drilling will commence:

Reported by **JACK FINDLAY**

Telephone # **1-307-260-6263**

Date **01/13/2003** Signed: **CHD**

DIVISION OF OIL, GAS AND MINING

ENTITY ACTION FORM - FORM 6

OPERATOR: EOG Resources, Inc.
ADDRESS: P.O. BOX 250
BIG PINEY, WYOMING 83113

FAX: JIM THOMPSON
(801) 359-3940

OPERATOR ACCT. NO. N

N9550

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	LOCATION QQ	SEC.	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
B	99999	4905	43-047-34581	CHAPITA WELLS UNIT 819-15	SWNW	15	9S	22E	UINTAH	1/11/2003	1-28-03
B	99999			CONFIDENTIAL							
A	99999										

ACTIONS CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

Kaley Carlson
Signature
Regulatory Analyst 1/28/2003
Title Date

Phone No. (307) 276-4842

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(3/89)

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Form 3160-4
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.: U 0283 A

1a. Type of Well: ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other

6. If Indian, Allottee or Tribe Name:

7. Unit or CA Agreement Name and No.: CHAPITA WELLS

2. Name of Operator: EOG RESOURCES, INC.
Contact: KATY CARLSON
E-Mail: Kathleen_Carlson@EOGResources.com

8. Lease Name and Well No.: CHAPITA WELLS UNIT 819-15

3. Address: P.O. BOX 250, BIG PINEY, WY 83113
3a. Phone No. (include area code): Ph: 307.276.4842

9. API Well No.: 43-047-34581

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface: SWNW 2038FNL 724FWL 40.03771 N Lat, 109.43224 W Lon

At top prod interval reported below: SWNW 2038FNL 724FWL 40.03771 N Lat, 109.43224 W Lon

At total depth: SWNW 2038FNL 724FWL 40.03771 N Lat, 109.43224 W Lon

10. Field and Pool, or Exploratory: CHAPITA WELLS/MESAVERDE

11. Sec., T., R., M., or Block and Survey or Area: Sec 15 T9S R22E Mer SLB

12. County or Parish: UINTAH
13. State: UT

14. Date Spudded: 01/11/2003
15. Date T.D. Reached: 02/06/2003
16. Date Completed: ☐ D & A ☒ Ready to Prod. 03/06/2003
17. Elevations (DF, KB, RT, GL)*: 4796 GL

18. Total Depth: MD 11153 TVD
19. Plug Back T.D.: MD 11110 TVD
20. Depth Bridge Plug Set: MD 10350 TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
PLATFORM EXPRESS/DI-POLE SONIC/CBL/VDL/GR/CCL - 2-25-03
CN/TLD/GR - 2-13-03; MECHANICAL/GR - 2-13-03
BHC/AC/GR - 2-13-03

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☒ No ☐ Yes (Submit analysis)

23. Casing and Liner Record *(Report all strings set in well)*

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J55	48.0	0	270		300			
12.250	9.625 J55	36.0	0	2715		340			
7.875	4.500 P110	11.6	0	11153		2950			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	10264							

25. Producing Intervals / 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	MESAVERDE	10835	10899	10835 TO 10899	0.380	16	
B)				10157 TO 10256	0.380	24	
C)				9262 TO 9465	0.380	22	PRODUCING
D)				9055 TO 9202	0.380	22	PRODUCING

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
10835 TO 10899	61,832 GALS GELLED WATER &191,240# 20/40 SAND.
10157 TO 10256	54,405 GALS GELLED WATER & 191,978# 20/40 SAND.
9262 TO 9465	54,184 GALS GELLED WATER & 192,735# 20/40 SAND.
9055 TO 9202	53,257 GALS GELLED WATER & 190,084# 20/40 SAND.

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MAR 17 2003
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28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
03/06/2003	03/09/2003	24	→	50.0	1340.0	110.0			FLOWS FROM WELL

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
12/64	2200 SI	2590.0	→	50	1340	110		PGW

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
			→					

CONFIDENTIAL PERIOD EXPIRED ON 4-6-04

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #18700 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

**** DRAFT ** DRAFT ** DRAFT ** DRAFT ** DRAFT ** DRAFT ** DRAFT ****

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
			→					

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
			→					

29. Disposition of Gas *(Sold, used for fuel, vented, etc.)*
SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
GREEN RIVER	1759	4859	SHALE	WASATCH	4845
WASATCH	4859	7243	SANDSTONE	NORTH HORN	6833
ISLAND	7243	7708	SANDSTONE	ISLAND	7400
KMV PRICE RIVER	7708	9457	SANDSTONE	PRICE RIVER(BUG WORK)	7638
SEGO	9457	9535	SANDSTONE	PRICE RIVER(TRADITIONAL)	7723
BUCK TONGUE	9535	9635	SHALE	MIDDLE PRICE RIVER	8225
KMV CASTLEGATE	9635	10088	SANDSTONE	LOWER PRICE RIVER	9064
KMV BLACKHAWK	10088	10895	SANDSTONE	SEGO	9540
MANCOS "B"	10895	11150	SANDSTONE	CASTLEGATE	9665
				BASE CASTELGATE	9912
				BLACKHAWK	10112
				MANCOS	10653
				MANCOS "B"	10830
				BASE MANCOS "B"	10963

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.)
2. Geologic Report
3. DST Report
4. Directional Survey
5. Sundry Notice for plugging and cement verification
6. Core Analysis
7 Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #18700 Verified by the BLM Well Information System.
For EOG RESOURCES, INC., will be sent to the Vernal

Name *(please print)* KATY CARLSON Title REGULATORY ANALYST

Signature (Electronic Submission) Katy Carlson Date 03/14/2003

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fradulent statements or representations as to any matter within its jurisdiction.

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Additional data for transaction #18700 that would not fit on the form

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26. Perforation Record, continued

Perf Interval	Size	No. Holes	Perf Status
8770 TO 9006	0.380	24	PRODUCING

27. Acid, Fracture, Treatment, Cement Squeeze, etc., continued

Depth Interval	Amount and Type of Material
8770 TO 9006	57,333 GALS GELLED WATER & 214,586# 20/40 SAND.

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MAR 17 2003

DIV. OF OIL, GAS & MINING

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Form 3160-4
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.: U 0283A

1a. Type of Well: ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other FLOW TEST MNCS FORMATION

6. If Indian, Allottee or Tribe Name:

7. Unit or CA Agreement Name and No.: CHAPITA WELLS

2. Name of Operator: EOG RESOURCES, INC.
Contact: KATY CARLSON
E-Mail: Kathleen_Carlson@EOGResources.com

8. Lease Name and Well No.: CHAPITA WELLS UNIT 819-15

3. Address: P.O. BOX 250, BIG PINEY, WY 83113
3a. Phone No. (include area code): Ph: 307.276.4842

9. API Well No.: 43-047-34581

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface: SWNW 2038FNL 724FWL 40.03771 N Lat, 109.43224 W Lon
At top prod interval reported below: SWNW 2038FNL 724FWL 40.03771 N Lat, 109.43224 W Lon
At total depth: SWNW 2038FNL 724FWL 40.03771 N Lat, 109.43224 W Lon

10. Field and Pool, or Exploratory: CHAPITA WELLS/MANCOS

11. Sec., T., R., M., or Block and Survey or Area: Sec 15 T9S R22E Mer SLB

12. County or Parish: UINTAH
13. State: UT

14. Date Spudded: 01/11/2003
15. Date T.D. Reached: 02/06/2003
16. Date Completed: ☐ D & A ☒ Ready to Prod. 02/25/2003
17. Elevations (DF, KB, RT, GL)*: 4796 GL

18. Total Depth: MD 11153 TVD
19. Plug Back T.D.: MD 11110 TVD
20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
PLATFORM EXPRESS/DI-POLE SONIC/CBL/VDL/GR/CCL

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☒ No ☐ Yes (Submit analysis)

23. Casing and Liner Record *(Report all strings set in well)*

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	12.375 J-55	48.0	0	270		300			
12.250	9.625 J-55	36.0	0	2715		340			
7.875	4.500 P-110	11.6	0	11153		2950			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	10264							

25. Producing Intervals / 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	MANCOS	10903	10960	10903 TO 10960	0.380	10	
B)							
C)							
D)							

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
10903 TO 10960	61,832 GALS GELLED WATER & 191,240# 20/40 SAND.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
02/25/2003	02/25/2003	7	→	0.0	4.0	0.0			FLOWS FROM WELL

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
16/64	250	1000.0	→					PGW

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
			→					

MAY 0 6 2003

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #20893 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
			→					

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
			→					

29. Disposition of Gas *(Sold, used for fuel, vented, etc.)*
SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
GREEN RIVER	1759	4859	SHALE	WASATCH	4845
WASATCH	4859	7243	SANDSTONE	NORTH HORN	6833
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SEGO	9457	9535	SANDSTONE	PRICE RIVER (TRADITIONAL)	7723
BUCK TONGUE	9535	9635	SHALE	MIDDLE PRICE RIVER	8225
KMV CASTLEGATE	9635	10088	SANDSTONE	LOWER PRICE RIVER	9064
KMV BLACKHAWK	10088	10895	SANDSTONE	SEGO	9540
MANCOS "B"	10895	11150	SANDSTONE	CASTLEGATE	9665
				BASE CASTLEGATE	9912
				BLACKHAWK	10112
				MANCOS	10653
				MANCOS "B"	10830
				BASE MANCOS "B"	10963

32. Additional remarks (include plugging procedure):
EOG flow tested Mancos formation.

****NOTE: Before perforating the Mesaverde, EOG set 10K Composite BP @ 10,350' above Mancos formation. Mesaverde formation is producing.**

See completion report for the Mesaverde formation sent 3/14/2003.

33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.)
2. Geologic Report
3. DST Report
4. Directional Survey
5. Sundry Notice for plugging and cement verification
6. Core Analysis
7 Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #20893 Verified by the BLM Well Information System.
For EOG RESOURCES, INC., will be sent to the Vernal

Name *(please print)* KATY CARLSON Title REGULATORY ANALYST

Signature (Electronic Submission) Date 04/30/2003

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fradulent statements or representations as to any matter within its jurisdiction.

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Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

5. Lease Serial No.
U 0283A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
CHAPITA WELLS

CONFIDENTIAL

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
CHAPITA WELLS UNIT 819-15

2. Name of Operator
EOG RESOURCES, INC.

Contact: KATY CARLSON
E-Mail: Kathleen_Carlson@EOGResources.com

9. API Well No.
43-047-34581

3a. Address
P.O. BOX 250
BIG PINEY, WY 83113

3b. Phone No. (include area code)
Ph: 307.276.4842

10. Field and Pool, or Exploratory
CHAPITA WELLS/MESAVERDE

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*

Sec 15 T9S R22E SWNW 2038FNL 724FWL
40.03771 N Lat, 109.43224 W Lon

11. County or Parish, and State

UINTAH COUNTY, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☒ Recomplete	☐ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

EOG Resources, Inc. continued the completion of additional pay in the Mesaverde formation of the subject well as follows:
1. Perforated Middle Price River formation from 8571-72', 8579-80', 8595-96', 8613-15', 8633-35', 8659-60', 8670-71', 8683-84' & 8727-29'. Fracture stimulated w/54,989 gals gelled water & 191,239# 20/40 sand.
2. Perforated Middle Price River formation from 8348-50', 8374-75', 8382-85', 8418-20', 8428-29', 8448-49' & 8455-57'. Fracture stimulated w/54,927 gals gelled water & 190,759# 20/40 sand.
3. Perforated Upper Price River formation from 8095-97', 8130-32', 9160-62' & 8212-15'. Fracture stimulated w/52,889 gals gelled water & 192,000 20/40 sand.
4. Returned well to production 9/21/2003

TEST: 10/08/2003, 611 MCFD, 32 BC, 84 BW in 24 hours on a 14/64" choke, FTP 820 psig, CP 1130 psig.

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #24948 verified by the BLM Well Information System
For EOG RESOURCES, INC., sent to the Vernal

Name *(Printed/Typed)* KATY CARLSON — Title REGULATORY ANALYST

Signature (Electronic Submission) Katy Carlson — Date 11/12/2003

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____ Title _____ Date _____

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. Office _____

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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well file

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

TAKE PRIDE IN AMERICA

IN REPLY REFER TO
UT-922

January 22, 2004

EOG Resources, Inc.
Attn: Debbie Spears
600 Seventeenth Street
Suite 100N
Denver, Colorado 802027

Re: Consolidated Mesaverde Formation PA "A-B"
Chapita Wells Unit
Uintah County, Utah

Gentlemen:

The Consolidated Mesaverde Formation PA "A-B", Chapita Wells Unit, CRS No. UTU63013F, AFS No. 892000905F, is hereby approved effective as of March 1, 2003, pursuant to Section 11 of the Chapita Wells Unit Agreement, Uintah County, Utah.

The Consolidated Mesaverde Formation PA "A-B" results in an consolidated participating area of 1,920.00 acres and is based upon the completion of Well No. 819-15, API No. 43-047-34581, located in the SW¼NW¼ of Section 15, Township 9 South, Range 22 East, SLM&B, Federal Unit Tract No. 3, Lease No. UTU0283A, as being a well capable of producing unitized substances in paying quantities. Copies of the approved request are being distributed to the appropriate agencies and one copy is returned herewith. Please advise all interested parties of the establishment of the Consolidated Mesaverde Formation PA "A-B", Chapita Wells Unit, and the effective date.

Sincerely,

/s/ Terry Catlin

Terry Catlin
Acting Chief, Branch of Fluid Minerals

Enclosure

RECEIVED
JAN 2 8 2004

bcc: Minerals Adjudication Group w/exhibit b
Division of Oil, Gas & Mining
Chapita Wells Unit w/enclosure
MMS - Data Management Division w/exhibit b (Attn: James Sykes)
Field Manager - Vernal w/enclosure
Agr. Sec. Chron.
Fluid Chron.

UT922:TATHOMPSON:tt:1/22/04

- K